



PATENT APPLICATION  
Attorney's Do. No. 8075-020

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. patent application:

BRENT LEBACK ET AL

Group Art Unit 2782

U.S. Serial No. 09/174,057

Examiner: H. Kim

Filed: October 16, 1998

For: TIGHTLY COUPLED AND SCALABLE MEMORY AND  
EXECUTION UNIT ARCHITECTURE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
AND REVOCATION OF PRIOR POWERS

I, ALEXANDER C. JOHNSON, JR., Secretary/Treasurer of MARGER JOHNSON & MCCOLLOM, P.C., an Oregon professional corporation, having a place of business at 1030 S.W. Morrison Street, Portland, Oregon 97205, assignee of the entire right, title and interest of the above-described U.S. patent application Serial No. 09/174,057 for A TIGHTLY COUPLED AND SCALABLE MEMORY AND EXECUTION UNIT ARCHITECTURE, by virtue of the Sheriff's Certificate of Sale of Personal Property, issued by the Sheriff-Coroner of County of Santa Cruz, California, Sheriff's File No. 03-11763, said Certificate of Sale recorded in Reel/Frame 013887/0798 (2 pages), on August 21, 2003 (copy enclosed), pursuant to the Writ of Execution issued by the Superior Court, Santa Cruz County, California, on April 30, 2003 on a judgment entered in Court Case No. CV 139759, on

Match and Return

March 1, 2001, said Judgment and Writ recorded in Reel/Frame 011390/0727 (19 pages) on March 15, 2001, represent that I am empowered to sign on behalf of assignee.

As assignee of record of the entire interest of the above-identified patent application, all powers of attorney previously given are hereby revoked and the following attorneys and/or patent agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

**Customer No. 20575**

Direct all telephone calls to Alexander C. Johnson, Jr. at (503) 222-3613 and send all correspondence to:

Marger Johnson & McCollom, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205

MARGER JOHNSON & MCCOLLOM, P.C.,  
an Oregon professional corporation

Date: 30 June 2004

By

  
Alexander C. Johnson, Jr.  
Secretary/Treasurer



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

AUGUST 25, 2003

PTAS

MARGER JOHNSON & MCCOLLOM, P.C.  
ALEXANDER C. JOHNSON, JR.  
1030 S.W. MORRISON STREET  
PORTLAND, OR 97205



\*700041129\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/21/2003

REEL/FRAME: 013887/0798  
NUMBER OF PAGES: 2

BRIEF: SHERIFF'S CERTIFICATE OF SALE OF PERSONAL PROPERTY

## ASSIGNOR:

RUBINSTEIN, RICHARD BERNARD

DOC DATE: 07/16/2003

## ASSIGNEE:

MARGER JOHNSON & MCCOLLOM, P.C.  
1030 S.W. MORRISON STREET  
PORTLAND, OREGON 97205

SERIAL NUMBER: 088 69277  
PATENT NUMBER:

FILING DATE: 06/04/1997  
ISSUE DATE:

SERIAL NUMBER: 08851771  
PATENT NUMBER:

FILING DATE: 05/06/1997  
ISSUE DATE:

SERIAL NUMBER: 088 69148  
PATENT NUMBER:

FILING DATE: 06/04/1997  
ISSUE DATE:

SERIAL NUMBER: 09174057  
PATENT NUMBER:

FILING DATE: 10/16/1998  
ISSUE DATE:

013887/0798 PAGE 2

SERIAL NUMBER: 09195564  
PATENT NUMBER:

FILING DATE: 11/18/1998  
ISSUE DATE:

SERIAL NUMBER: 08821326  
PATENT NUMBER: 5933855

FILING DATE: 03/21/1997  
ISSUE DATE: 08/03/1999

SHAREILL COLES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

AUG-21-2003 08:59

MARGER JOHNSON ET AL

503 274 4622 P.01/04

## Certificate of Facsimile Transmission

08/21/2003  
700041129

I hereby certify that the following Transmittal Letter and Sheriff's Certificate of Sale of Personal Property (Assignment) is being facsimile transmitted to the Assignment Division of the Patent and Trademark Office (Phone No. (703) 306-5959) on the date shown below. (Total pages transmitted is 4-including this one).

Date: Aug. 21, 2003

Alexander C. Johnson, Jr.  
Reg. No. 29,396PATENTS ONLY  
Attorney's Do. No. 8073-1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In re:

U.S. Patent No. 5,933,855, issued 08/03/99, U.S. Serial No. 08/821,326, filed 03/21/97; U.S. Application Serial No. 08/869,277, filed 06/04/97; U.S. Application Serial No. 08/851,771, filed 05/06/97; U.S. Application Serial No. 08/869,148, filed 6/4/97; U.S. Application Serial No. 09/174,057, filed 10/16/98; U.S. Application Serial No. 09/195,564, filed 11/18/98

Mail Stop Assignment Recordation Services  
Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party(ies) conveying an interest: Richard Bernard Rubinstein.
2. Name and address of party(ies) receiving an interest: Marger Johnson & McCollom, P.C., 1030 S.W. Morrison Street, Portland, Oregon 97205.
3. Description of the interest conveyed: Sheriff's Certificate of Sale of Personal Property (Assignment)

Date of execution of attached document: July 16, 2003.

4. U.S. Patent No. 5,933,855, issued 08/03/99, U.S. Serial No. 08/821,326, filed 03/21/97  
U.S. Application Serial No. 08/869,277, filed 06/04/97  
U.S. Application Serial No. 08/851,771, filed 05/06/97  
U.S. Application Serial No. 08/869,148, filed 6/4/97  
U.S. Application Serial No. 09/174,057, filed 10/16/98  
U.S. Application Serial No. 09/195,564, filed 11/18/98

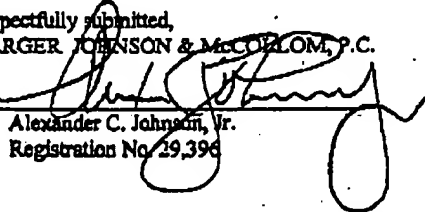
Additional sheet attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

MARGER JOHNSON & MCCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613

6. Number of applications and patents involved: 6
7. Please charge our Deposit Account Number 13-1703 for the \$240 recordal fee.
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,  
MARGER JOHNSON & MCCOLLOM, P.C.

By   
Alexander C. Johnson, Jr.  
Registration No. 29,396

Dated: 26 Aug 2003

MARGER JOHNSON & MCCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613

Total number of pages comprising cover sheet and attached assignment: 4

BEST AVAILABLE COPY

LAW 5240 00 11/17/03 0855277

Certificate of Facsimile Transmision

I hereby certify that the following Transmittal Letter and Sheriff's Certificate of Sale of Personal Property (Assignment) is being facsimile transmitted to the Assignment Division of the Patent and Trademark Office, Phone No. (703) 306-5995, on the date shown below. (Total pages transmitted is 4-including this one).

Date: Aug. 21, 2003

Alexander C. Johnson, Jr.  
Reg. No. 29,396

PATENTS ONLY  
Attorney's Do. No. 8075-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:

U.S. Patent No. 5,933,855, issued 08/03/99, U.S. Serial No. 08/821,326, filed 03/21/97; U.S. Application Serial No. 08/869,277, filed 06/04/97; U.S. Application Serial No. 08/851,771, filed 05/06/97; U.S. Application Serial No. 08/869,148, filed 6/4/97; U.S. Application Serial No. 09/174,057, filed 10/16/98; U.S. Application Serial No. 09/195,564, filed 11/18/98

Mail Stop Assignment Recordation Services  
Director of the U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 23313-1450

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of party(ies) conveying an interest: Richard Bernard Rubinstein
2. Name and address of party(ies) receiving an interest: Marger Johnson & McCollom, P.C., 1030 S.W. Morrison Street, Portland, Oregon 97205.
3. Description of the interest conveyed: Sheriff's Certificate of Sale of Personal Property (Assignment)

Date of execution of attached document: July 16, 2003

4. U.S. Patent No. 5,933,855, issued 08/03/99, U.S. Serial No. 08/821,326, filed 03/21/97  
U.S. Application Serial No. 08/869,277, filed 06/04/97  
U.S. Application Serial No. 08/851,771, filed 05/06/97  
U.S. Application Serial No. 08/869,148, filed 6/4/97  
U.S. Application Serial No. 09/174,057, filed 10/16/98  
U.S. Application Serial No. 09/195,564, filed 11/18/98

Additional sheet attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:  
MARGER JOHNSON & MCCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613
6. Number of applications and patents involved: 6
7. Please charge our Deposit Account Number 13-1703 for the \$240 recordal fee.
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: 26 Aug 2003

MARGER JOHNSON & MCCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613

Respectfully submitted,  
MARGER JOHNSON & MCCOLLOM, P.C.

By: Alexander C. Johnson, Jr.  
Registration No. 29,396

Total number of pages comprising cover sheet and attached assignment: 4

SHERIFF'S OFFICE,)  
COUNTY OF SANTA CRUZ,) ss.  
STATE OF CALIFORNIA.)

SHERIFF'S  
CERTIFICATE OF SALE OF  
PERSONAL PROPERTY

Plaintiff: Marger Johnson and  
McCollum, an Oregon  
professional corporation  
vs

Court Case No: CV 139759

Sheriff's File No: 03-11763

Defendant: Richard Bernard  
Rubinstein

I, the SHERIFF-CORONER of the County of Santa Cruz, State of California, do hereby certify that, under and by virtue of a Writ of Execution issued out of the Superior Court, Santa Cruz County, on the 30th day of April, 2003, on a judgment entered in said action on the 1st day of March, 2001, in the above-entitled action, and by which I was commanded to make the sum of \$70,814.69 (Seventy thousand eight hundred fourteen and 69/100 dollars, current lawful money of the United States of America, with interest and costs, to satisfy said judgment out of the personal property of

RICHARD BERNARD RUBINSTEIN, 190 Douglas Dr., Soquel, California

the above named debtor, and if sufficient personal property could not be found, then out of the real property belonging to the said judgment debtor, as by the said writ, reference being thereunto had, more fully appears; I have heretofore levied upon, and on the 16th day of July, 2003, at 4:00 o'clock p.m., at the Third Floor Hallway adjacent to the Santa Cruz County Sheriff's Office, 701 Ocean St., Rm. 340, Santa Cruz, in said County, after giving notice as required by law, sold at PUBLIC AUCTION to

MARGER JOHNSON AND MCCOLLUM, AN OREGON PROFESSIONAL CORPORATION, c/o Glassberg, Pollak and Associates, 425 California St., Suite 850, San Francisco, California,

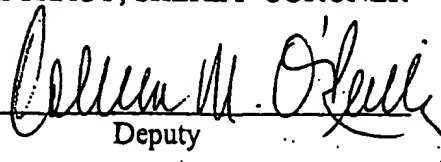
who was the highest bidder therefore, for the sum of \$50,000.00 in current lawful money of the United States of America, which was the whole price paid therefore, all the right, title and interest of said judgment debtor, RICHARD BERNARD RUBINSTEIN in and to the following described personal property, to-wit:

Patents and patent rights described on the attached.

MARK TRACY, SHERIFF-CORONER

Dated: July 16, 2003

By:

  
Deputy



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

MARCH 16, 2001

PTAS

MARGER JOHNSON & MCCOLLOM, P.C.  
MARGER C. JOHNSON, JR.  
1030 S.W. MORRISON STREET  
PORTLAND, OREGON 97205



\*101612704A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/15/2001

REEL/FRAME: 011390/0727  
NUMBER OF PAGES: 19

BRIEF: JUDGEMENT AND WRIT OF EXECUTION

ASSIGNOR:  
RUBINSTEIN, RICHARD

DOC DATE: 03/01/2001

ASSIGNEE:  
MARGER JOHNSON & MCCOLLOM, P.C.  
1030 S.W. MORRISON STREET  
PORTLAND, OREGON 97205

SERIAL NUMBER: 08869277  
PATENT NUMBER:

FILING DATE: 06/04/1997  
ISSUE DATE:

SERIAL NUMBER: 08851771  
PATENT NUMBER:

FILING DATE: 05/06/1997  
ISSUE DATE:

SERIAL NUMBER: 08869148  
PATENT NUMBER:

FILING DATE: 06/04/1997  
ISSUE DATE:

SERIAL NUMBER: 09174057  
PATENT NUMBER:

FILING DATE: 10/16/1998  
ISSUE DATE:

BEST AVAILABLE COPY

EXHIBIT A p 1



011390/0727 PAGE 2

SERIAL NUMBER: 09195564  
PATENT NUMBER:

SERIAL NUMBER: 08821326  
PATENT NUMBER: 5933855

FILING DATE: 11/18/1998  
ISSUE DATE:

FILING DATE: 03/21/1997  
ISSUE DATE: 08/03/1999

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

BEST AVAILABLE COPY

EXHIBIT A 2

07/02/04  
PART B—ISSUE FEE TRANSMITTAL

Complete and mail this form, together with applicable fees, to:

Box ISSUE FEE  
Assistant Commissioner for Patents  
Washington, D.C. 20231

JUN 30 2004

**MAILING INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE. Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Issue Fee Receipt, the Patent Office advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

023575 LM02/0620  
MARGER JOHNSON & MCCOLLUM PC  
1030 SW MORRISON STREET  
PORTLAND OR 97205

Note: The certificate of mailing below can only be used for domestic mailings of the Issue Fee Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing.

**Certificate of Mailing**

I hereby certify that this Issue Fee Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above on the date indicated below.

Alexander C. Johnson, Jr. (Depositor's name)

(Signature)

30 June 2004 (Date)

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/174,057	10/16/98	013 KIM, H	2782	06/20/00

First Named Applicant

LEBACK,

35 USC 154(b) term ext. = 0 Days.

TITLE OF INVENTION

TIGHTLY COUPLED AND SCALABLE MEMORY AND EXECUTION UNIT ARCHITECTURE

ATTYS DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 807520	710-022.000	030	UTILITY	YES	\$605.00	09/20/00

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Use of PTO form(s) and Customer Number are recommended, but not required.

Power of attorney enclosed

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" indication form PTO/SB/47) attached.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Marger Johnson & McCollom, P.C.  
2  
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE Marger Johnson & McCollom, P.C.

(B) RESIDENCE: (CITY & STATE OR COUNTRY)

Portland, Oregon

Please check the appropriate assignee category indicated below (will not be printed on the patent)

☐ individual ☒ Corporation or other private group entity ☐ government

4a. The following fees are enclosed (make check payable to Commissioner of Patents and Trademarks):

☒ Issue Fee

☐ Advance Order - # of Copies

4b. The following fees or deficiency in these fees should be charged to:

DEPOSIT ACCOUNT NUMBER 13-1703  
(ENCLOSE AN EXTRA COPY OF THIS FORM)

☒ Issue Fee

☐ Advance Order - # of Copies

The COMMISSIONER OF PATENTS AND TRADEMARKS IS requested to apply the issue fee to the application identified above.

(Authorized Signature)

(Date)

30 June 2004

NOTE: The Issue Fee will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington D.C. 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

07/08/2004 MNEKONE1 00000133 09174057

01 FC:1501

1330.00 0P

TRANSMIT THIS FORM WITH FEE